



Hunters Point Radiological Program Update

Hunters Point Naval Shipyard
BCT Meeting
August 29, 2013



Overview



Radiological Project Work Overview

- Current Project Map
- Parcel C
 - Phase-II SS/SD Removal Update
 - Ship Berth Survey Status
 - Building 253 and 211 Activities
- Parcel D-1
- FSS Report Status Update
- New Contract to Remove Parcel E SS/SD lines











2013 Radiological Projects



LEGEND

PROJECT AREAS

-  IMPACTED BUILDINGS OR SITES
-  SHAW (CB&I) D1
-  TES BIN STORAGE
-  TTEC PARCEL C PHASE II, BUILDING 211/253, PARCEL E 500 SERIES
-  CIJV IR-03
-  ITS-I-GIBANE PARCEL D-1
-  ITS-I-GIBANE PARCEL E-2
-  RSY PADS



Parcel C - Phase II SS/SD Removals

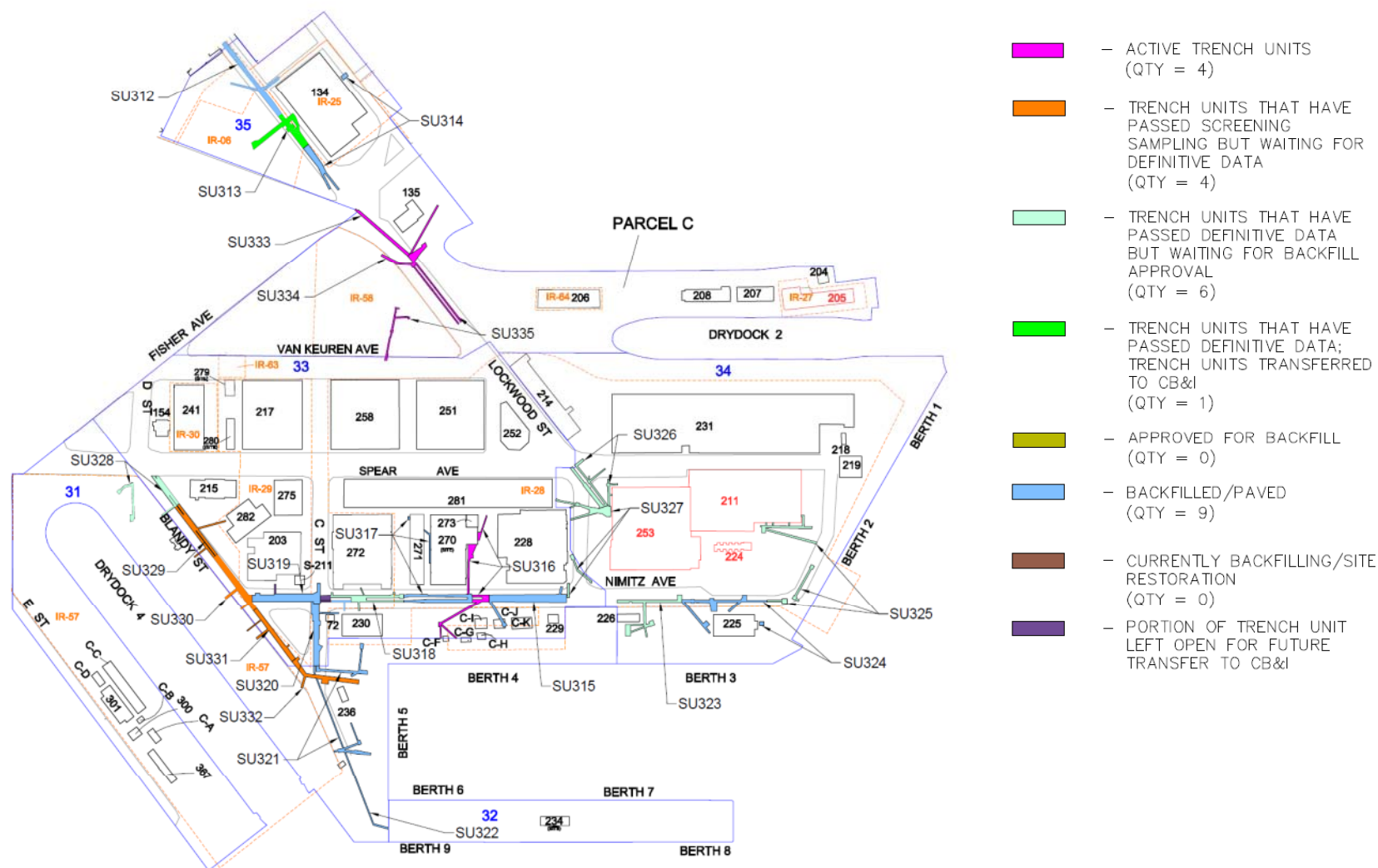


Parcel C SS/SD line removal:

- Phase II – 13,000 of 14,300 linear feet of SS/SD lines (91%) and 27,867 cubic yards have been excavated.
- Total of 24 Trench Units Excavated to date:
 - 10 – Backfilled/restored
 - 6 – Definitive data under review with RASO
 - 4 – Awaiting definitive data results
 - 4 – Undergoing sampling, survey, and/or remediation



Parcel C Phase II Excavated Trench Units





Parcel C - Ship Berth Surveys

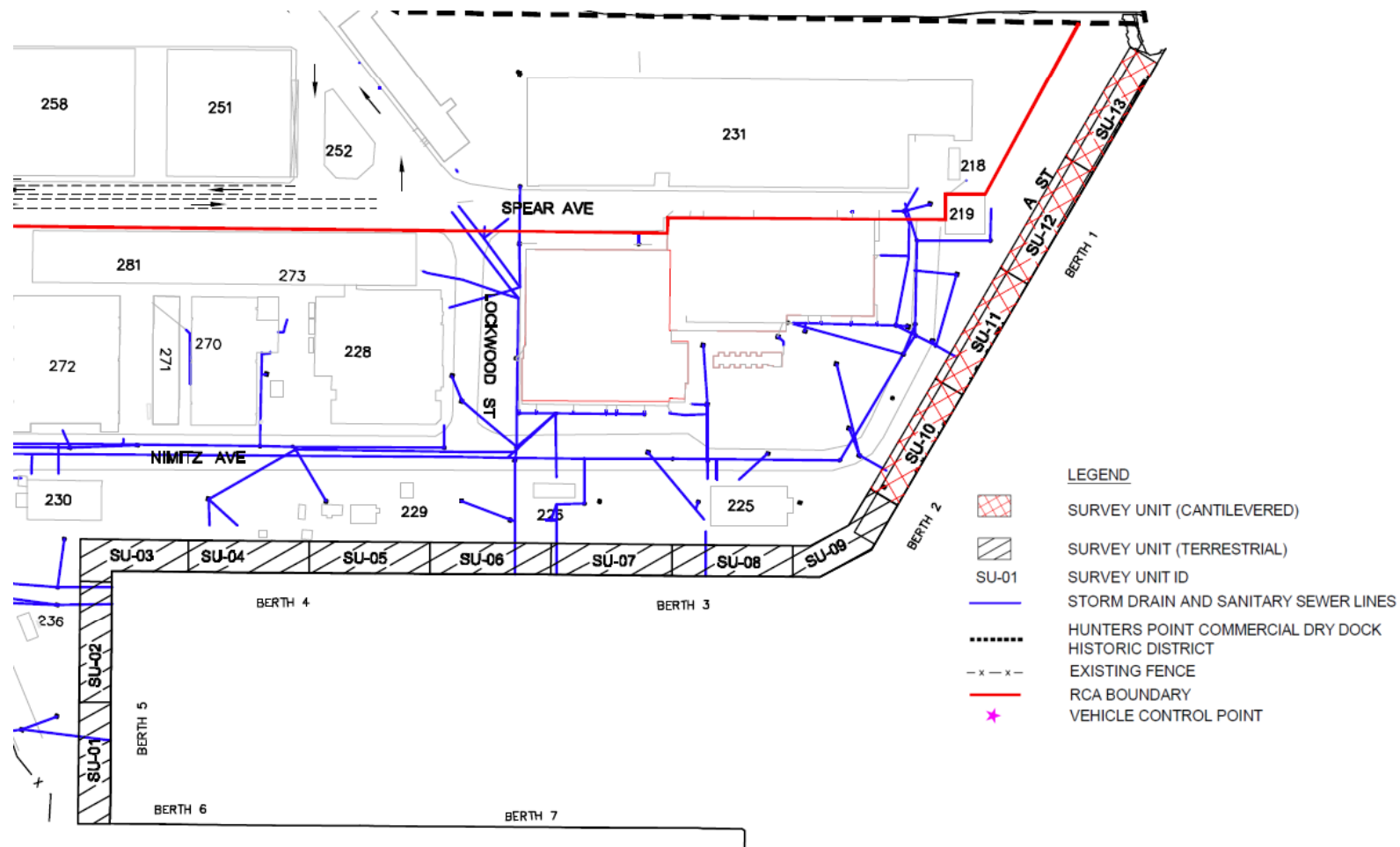


Ship Berths:

- Survey Unit 2 – Definitive data under review with RASO
- Survey Units 6, 7, 8, and 9 – Survey Complete; awaiting definitive data results
- Survey Units 1, 3, 4 and 5 – Undergoing characterization sampling and remediation (Max. concentrations shown)
 - SU-1 2.03 pCi/g Ra-226
 - SU-3 0.23 pCi/g Cs-137
 - SU-4 0.19 pCi/g Cs-137
 - SU-5 0.40 pCi/g Cs-137
 1.77 pCi/g Ra-226
- Survey Units 10 through 13 – Surveys in process



Parcel C - Phase II Ship Berths



Hunters Point Shipyard, BCT, December 2, 2010



Field Activities in Parcel C Phase II



Remediating soil at Ship Berth SU 4



Post-remediation sample locations at Ship Berth SU 4



Labeling/marking bin for transfer to TES



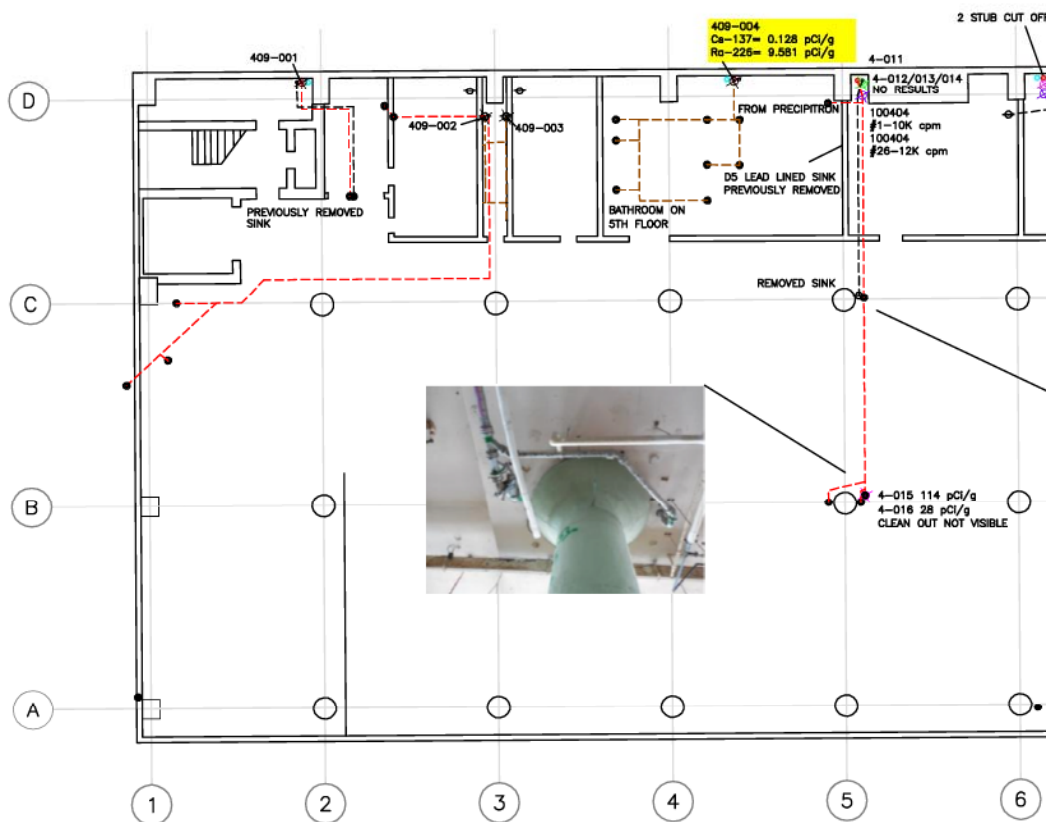
Preparing for FSS sample collection at TU 335



Radiological Survey of Buildings 253 and 211



- Continue characterization of interior drain lines
- Continue the removal and survey of ventilation system
 - 50% complete
- Continued asbestos abatement and encapsulation





Field Activities in Buildings 253 and 211



Removing section of ventilation duct on 3rd floor of Building 253



Scanning the removed section of ventilation duct work



Collecting sediment sample from a 1st floor drain line clean out



Collecting sediment from a 3rd floor drain line clean out



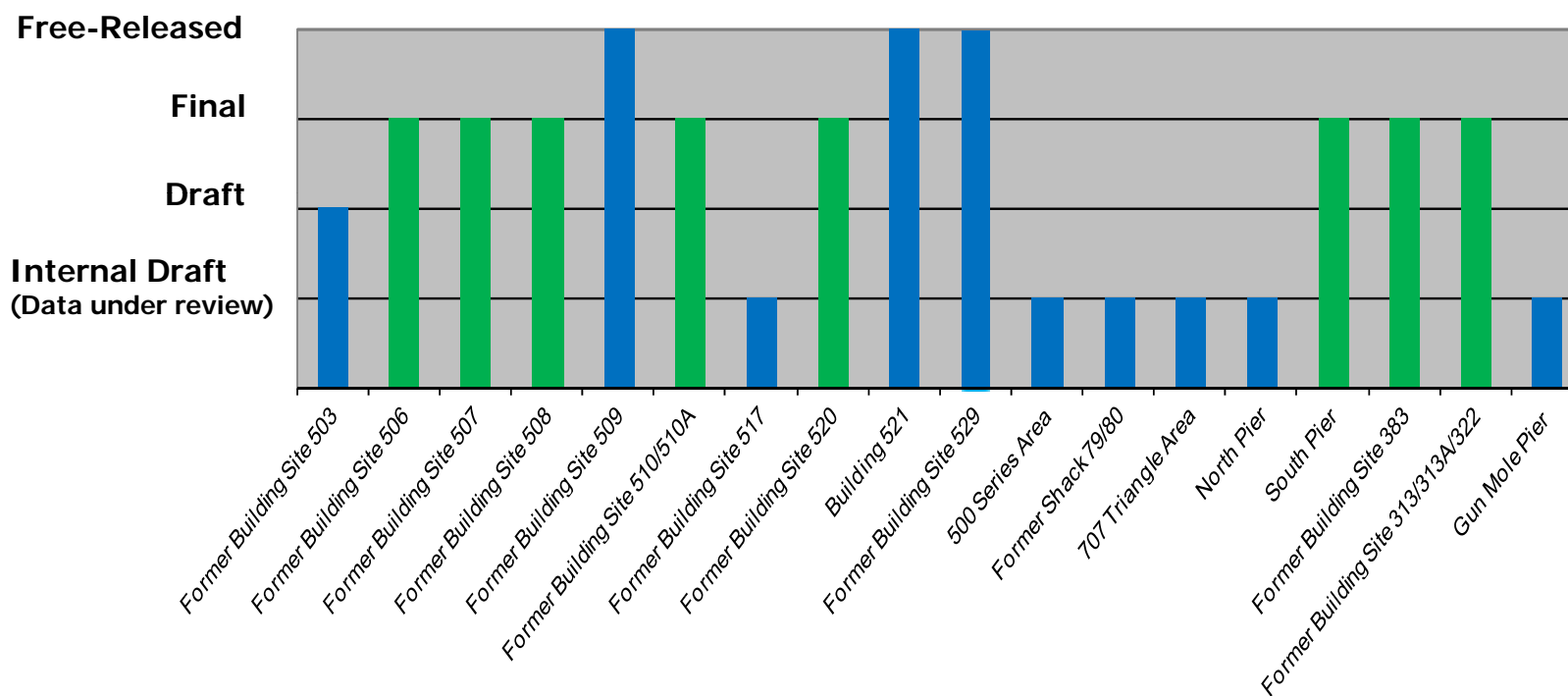
Parcel D-1 Phase I & II



- Phase I
 - Gun Mole Pier
 - Additional field work to perform Strontium-90 remediation completed. Sample results satisfactory. FSS report to be issued Draft on September 5
 - Phase I RACR
 - Draft to be sent Sept 10
 - Confirmation samples
 - 3 FSS reports awaiting CDPH RURR letter (383, 313/313A/322, and South Pier). Confirmation samples submitted.
- Phase II
 - Final Execution Plan issued Aug 5. Design Plan scheduled for Sept 4
 - Mobilization of personnel and equipment scheduled for Sept 5



FSS Report Status



Waiting for concurrence for
Free-Release determination



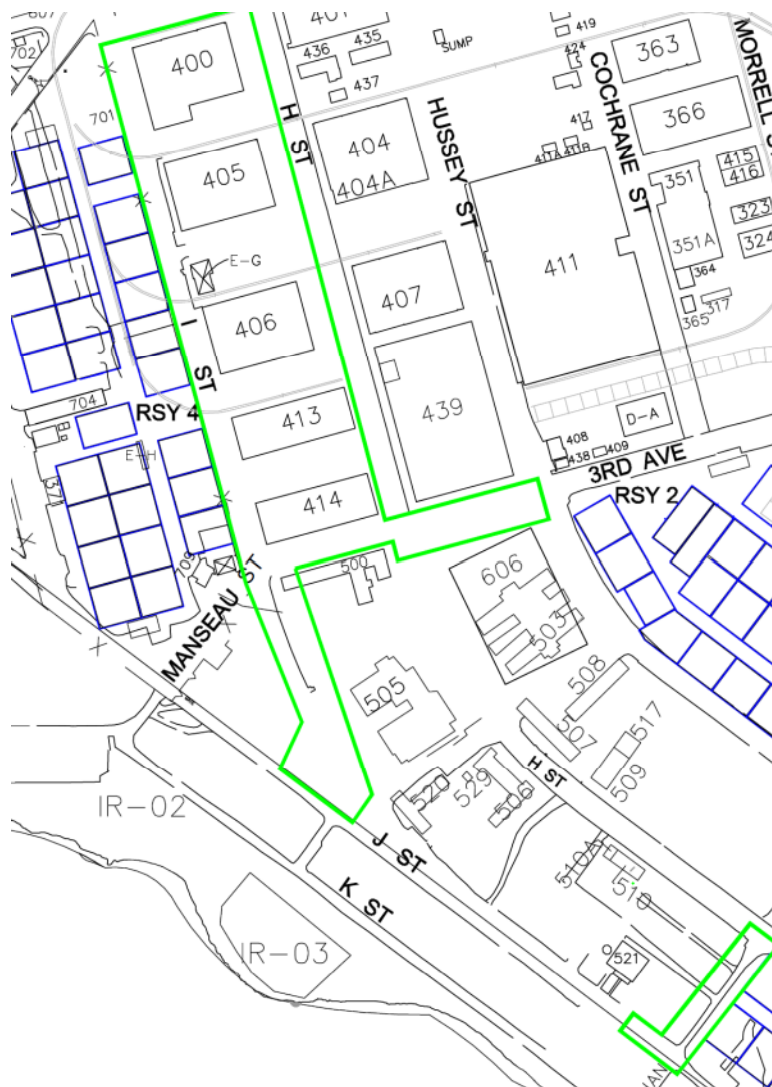


New Work in Parcel E



TtEC was awarded a contract to remove 7,600-LF of Parcel E sanitary sewer and storm drain lines.

Draft Work Plan for Regulatory Review in late October.





Building 518 Sand



- Recommendation
 - Reuse the material as a base material for surface land capping of areas at HPNS
 - Dispose as non-LLRW
- Letter report sent July 10
- Navy requested comments/concurrence by August 9 – May we proceed with our recommendations?



Note the color of the sand compared to the SS trench material which has been approved for backfill



Comments, Questions, Concerns ???